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				Application Number	[case serial number]
				Confirmation Number	Not Assigned
				Filing Date	April 16, 2004
				First Named Inventor	Georg BASTIAN
				Art Unit	Not Assigned
				Examiner Name	Not Assigned
Sheet	1	of	1	Attorney Docket Number	Q80758

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
QWAC		US 4,786,140	A	11/22/1998	Melman
QWAC		US 6,483,633	B2	11/19/2002	Okuno
		US			
		US			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)		

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.				Translation ⁶
QWAC		K. Suto et al, "Semiconductor Raman Amplifier for Terahertz Bandwidth Optical Communication", JOURNAL OF LIGHTWAVE TECHNOLOGY, IEEE, New York, US, Vol. 20, No. 4, April 2002, pp. 705-711, XP001130032				Yes
		K. Suto et al, "Raman amplification in GaP-AlxGal-xP waveguides for light frequency discrimination", IEE PROCEEDINGS: OPTOELECTRONICS, INSTITUTION OF ELECTRICAL ENGINEERS, Stevenage, GB, Vol. 145, No. 2, April 20, 1998, pp. 105-108, XP006011337				Yes
		T. Saito et al, "Gain of High-Intensity Pulse -Pumped Gap-Algap Waveguide Raman Amplifier", IEE PROCEEDINGS: OPTOELECTRONICS, INSTITUTION OF ELECTRICAL ENGINEERS, Stevenage, GB, Vol. 146, No. 5, October 1999, pp. 209-212, XP000928397				Yes
QWAC		R. Claps et al, "Stimulated Raman scattering in silicon waveguides", ELECTRONICS LETTERS, IEE, Stevenage, GB, Vol. 38, No. 22, October 24 200, pp. 1352-1354, XP006019142				Yes

Examiner Signature	Mark Hettner	Date Considered	10/14/2005
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.